

Show of the Royal Horticultural Society on the occasion of the Society's Sesquicentenary.

Both in this country and in Europe, Miss McClintock devoted much time in important botanical museums to the study of *Hydrangea*, for which she is preparing a worldwide monograph. This study took her to such centers as Kew, Edinburgh, Geneva, Vienna, Copenhagen, Stockholm, and Oslo.

#### ASTRONOMY SECTION MEETING

THE REGULAR MONTHLY MEETING of the Astronomy Section will be held at 8 p. m., Wednesday, November 24, in the Student Lecture Room. The guest speaker will be Dr. Edward Teller, professor of physics at the University of California. His subject will be "The Origin of Cosmic Rays."

Dr. Teller is internationally known for his studies of nuclear energy and the structure of matter. He has made many contributions to our understanding of the sources of stellar energy and cosmic radiation, and consequently has interested himself in certain astronomical problems. In his discussion, Dr. Teller will review some current theories on the origin of the high speed particles which constantly bombard us from interstellar space.

After the meeting, weather permitting, there will be an observing session with the telescope. Leon Salanave will be in charge of the meeting.

#### NEW MEMBERS

The following members were elected by the Council at its meeting of October 14, 1954:

##### REGULAR MEMBERSHIP

Mr. Charles Mayer  
Dr. R. D. Niles  
Dr. William W. Stephens

##### FAMILY MEMBERSHIP

Mr. Henry H. Evans  
Dr. Joachim L. Holtfreter  
Dr. George F. McGee

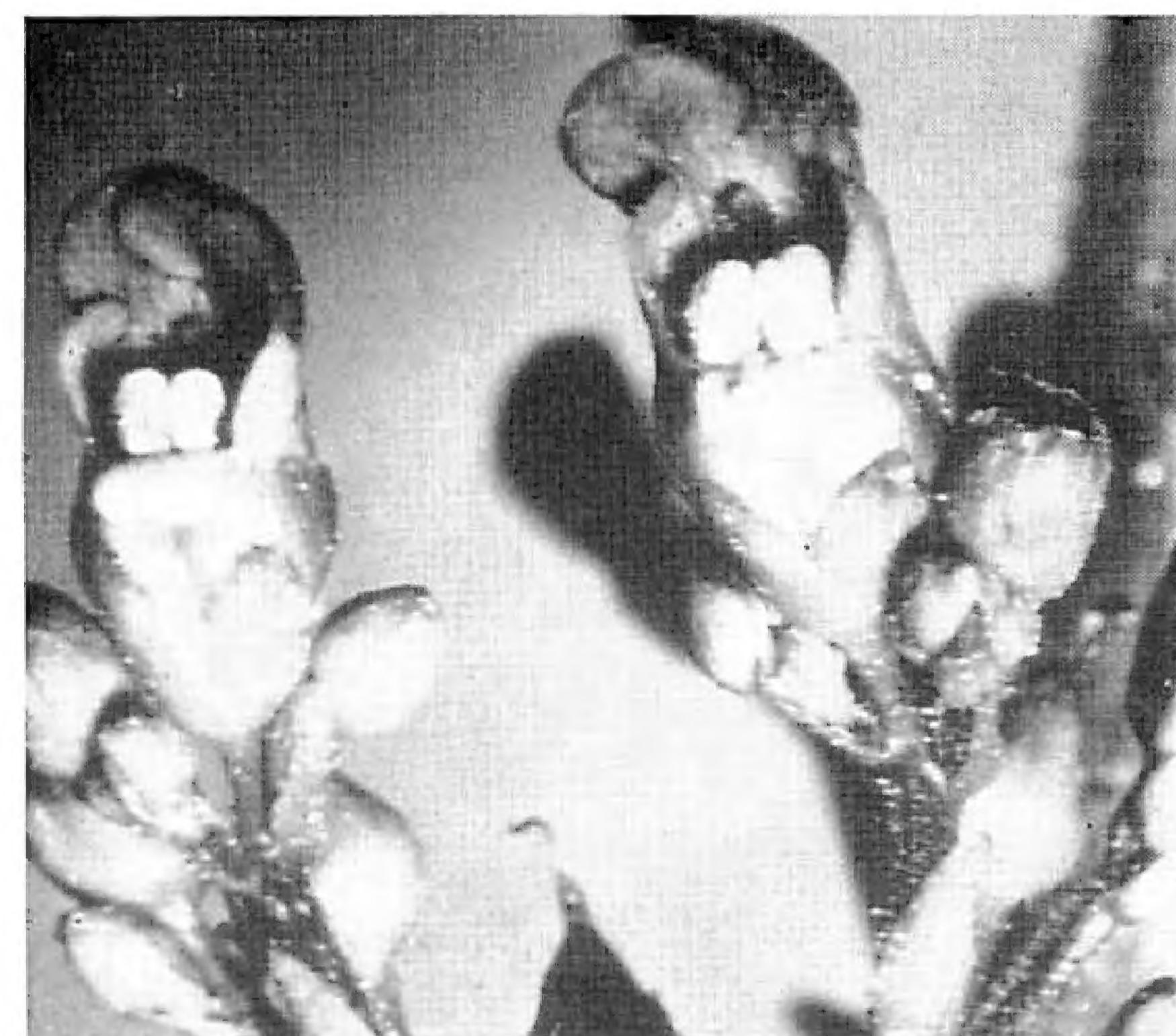
##### STUDENT MEMBERSHIP

Robert Whalen

# ACADEMY NEWS LETTER

NUMBER 179

NOVEMBER, 1954



Lower photo,  
California  
Bee-plant  
near Pescadero;  
left, its flower  
in close-up.  
(See Page 3)



Photos by Charles Webber

Published Monthly by

CALIFORNIA ACADEMY OF SCIENCES

GOLDEN GATE PARK • SAN FRANCISCO

# November Announcement

THE REGULAR NOVEMBER MEETING will be held at 8:15 p. m., Wednesday, November 3, in the Morrison Auditorium. William H. Wagoner, Audubon Screen Tour lecturer, will present a color film:

## "WANDERLAND"

Through this film you may share unforgettable wanderings with artist-naturalists William and June Wagoner. You may climb to the top of our highest mountain, swim with fish at the bottom of the sea; seek out wild orchids in shadowy jungles, birds in forest and swamp, beauty in the desert, big game in the Rockies.

Starting off with the common things of nature found along quiet woodland trails, "Wanderland" reaches its climax in the majestic grandeur of nature at such places as Rainbow Bridge and Grand Canyon. The film is full of contrast—changing seasons in the Jersey pine barrens, undersea coral reefs of Florida, bird life in the Everglades, the Southwest desert in bloom, timberline trails in the Sierra Nevada, big game in the Rockies, pack trips into remote canyons of Utah and Arizona.

Wagoner, who has been a photographer nearly all his life, practiced his art during World War II in the Army Signal Corps. He has been a ranger-naturalist at Grand Canyon National Park, where in addition to the usual naturalist duties he was assigned to making photographs for the Park Service. For a number of years he has been adventuring all over North America with his movie camera.

The film "Wanderland," which was two years in the making, required thirty thousand miles of travel, and more than one thousand miles of backpacking.

Wagoner's film is the first of a scheduled series of five Audubon Screen Tours. Remaining films will be shown at meetings on December 15, January 11, March 14, and April 6.

## HONORARY MEMBERS NAMED

AT ITS ANNUAL MEETING on October 6 the California Academy of Sciences named four men Honorary Members, the highest honor the Academy bestows.

They were Joseph R. Slevin, curator of herpetology, who this year completed fifty years of service to the Academy, and three of his shipmates of several years ago: E. W. Gifford, Joseph S. Hunter, and F. X. Williams. Gifford is professor of anthropology and director of the Museum of Anthropology at the University of California. Hunter and Williams are now retired after long associations, respectively, with the California Department of Fish and Game and the Hawaiian Sugar Planters Association.

The four scientists share the unique distinction of having been members of the Academy's expedition by schooner to the Galapagos Islands in 1905-1906. All except Williams, who lives in La Mesa, California, and was unable to attend, were present for the ceremony.

Honorary Membership in the Academy is accorded to few. In the past the award has been made to such distinguished personages as Charles Darwin and Louis Agassiz, more recently to Herbert Hoover, William Beebe, Robert Cushman Murphy, Ernest O. Lawrence, and others of their stature. Members of the Academy and its staff are proud to see these new names added to the roll.

## LIBRARY ACKNOWLEDGES TWO GIFTS

MISS VERONICA J. SEXTON, Academy librarian, reports a gift from Mrs. Henry Potter Russell, member of the Board of Trustees, of a rare 8-volume work "The Trees of Great Britain and Ireland." The books, which were written by Henry John Elwes and Augustine Henry, were privately printed under the patronage of King Edward VII, and by special permission were dedicated to him.

Also received recently was the diary kept by Captain Calvin L. Hooper on his 1881 voyage of discovery in the Arctic Ocean aboard the U. S. revenue steamer *Thomas Corwin*. The gift, which was made by Captain Hooper's son, Sam L. Hooper, 209 Alpine St., San Rafael, also includes a sketch pad filled with drawings made by Captain Hooper and a distinguished guest on the voyage—John Muir.

## PLANTS CLOSE-UP

CHARLES WEBBER will show Kodachromes of intimate and much-magnified plant studies at 2 p. m., Thursday, November 18, in the Morrison Auditorium. The program will be given under the auspices of the California Botanical Club.

Webber, a member of the Academy and an honorary member of the Sierra Club, is well known among flower lovers, naturalists, and conservationists, as well as photographers, for the excellence and artistry of his color work. For more than two decades his picture programs have afforded pleasure and learning to thousands, chiefly in central California, but on occasion as far afield as New York.

"Plants Close-Up" will present details of foliage and flowers as shown with the aid of new photographic techniques. These unfamiliar and sometimes grotesque studies will enter the sphere of our everyday experience by being shown together with portraits of the plants themselves and the places where they grow. The pictures selected for the present program have been taken from Pacific beaches to the Rocky Mountains, from Southwest deserts to Northwest rain forests.

John Thomas Howell, president of the California Botanical Club, will assist with the presentation of the program, and he announces that Academy members and the public are invited to attend.

## Miss MCCLINTOCK RETURNS

MISS ELIZABETH MCCLINTOCK, assistant curator of the Department of Botany, returned October 18 after five months spent in Europe and in the eastern United States. While in Europe, she was the Academy's official delegate to the Eighth International Botanical Congress in Paris, and she also attended the Chelsea